

UNIFIED PAYMENT INTERFACE



World Bank
DPI Workshop
13 September 2023

India's Approach towards building Digital Public Infrastructure




01
Public Good

Large citizen scale public platforms
(Aadhaar, NPCI, COWIN)

Not for profit Institution

Protect from Private Interest and
misuse of data



02
Deep Tech

AI, advanced open source, Cloud
Ready

Billion a Day Architecture

Low cost, asset-lite,
high-speed payments



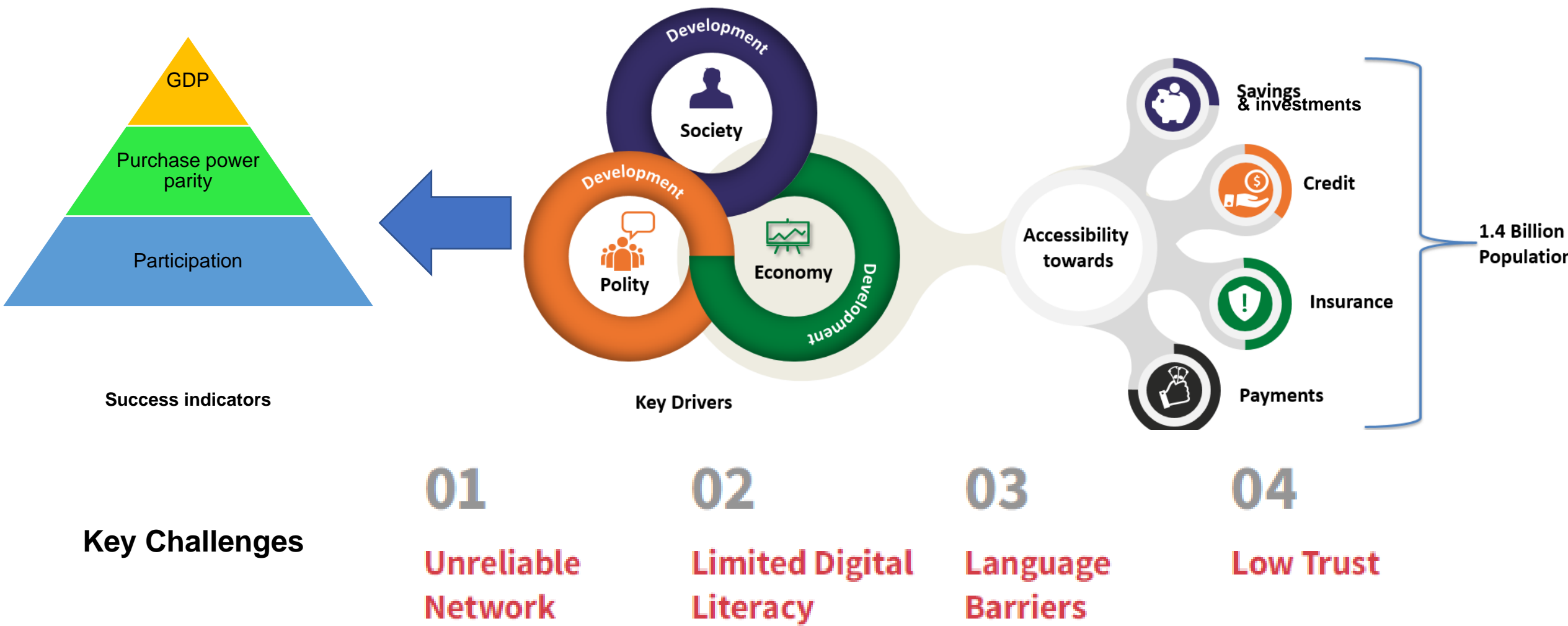
03
**Ecosystem
Builder**

Innovation led Government and
Regulatory Policies

Support entrepreneurial ecosystems

Ecosystem led local Innovation

RBI and GOI > Objective to Digitize Indian Citizens



USP's of UPI

Robust engine powered by world class Technology

Interoperable and cost-efficient platform

Open banking themed - Safe, secure and simple

Multiple use cases (P2P and P2M) thru Alias and QR

Unique and inclusive model driven through Ecosystem Collaboration



UPI's contribution to digital transformation in India is well acknowledged....

UPI has truly transformed the digital payment landscape in India

EXCLUSIVE INTERVIEW SUNDAR PICHAI
CEO, GOOGLE & ALPHABET

Country has Set Shining Example with UPI, Aadhaar & India Stack

Concerned by some aspects of COI rulings against Google, says Pichai



India's digital payments ecosystem is a shining example of innovation and inclusion, says Sundar Pichai, CEO of Google and Alphabet. He praised the government's push for digital payments, particularly UPI, and the success of the India Stack. Pichai also mentioned his concerns about some aspects of the Competition Commission of India's (CCI) rulings against Google, but emphasized his respect for the Indian government's policies.

India's UPI system a global model: Bill Gates

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India's UPI system is a global model, says Bill Gates. He praised the government's push for digital payments and the success of the India Stack. Gates also mentioned his concerns about some aspects of the CCI's rulings against Google, but emphasized his respect for the Indian government's policies.

UPI makes India global leader in growth of real-time payments infrastructure as cash use declines: Report

How India became the global 'guru' of instant payments

The country is exporting its successful digital payments model to help other markets develop UPI ecosystems

Fintech - 2 Min Read

With UPI, India has created something 'truly special': Mark Zuckerberg

Facebook CEO Mark Zuckerberg said he is 'excited' that WhatsApp has been approved to launch payments across India and said he wanted to thank all the partners who have made this possible.

Home / Companies / Interviews / India can repeat UPI success in e-commerce: Walmart CEO Doug McMillon

India can repeat UPI success in e-commerce: Walmart CEO Doug McMillon

'We talk about India in every board meeting'

National Payments Corporation of India
Connecting commerce



IMF praises India's digital transformation, calls it 'world-class infrastructure'; Asks other nations to learn from it

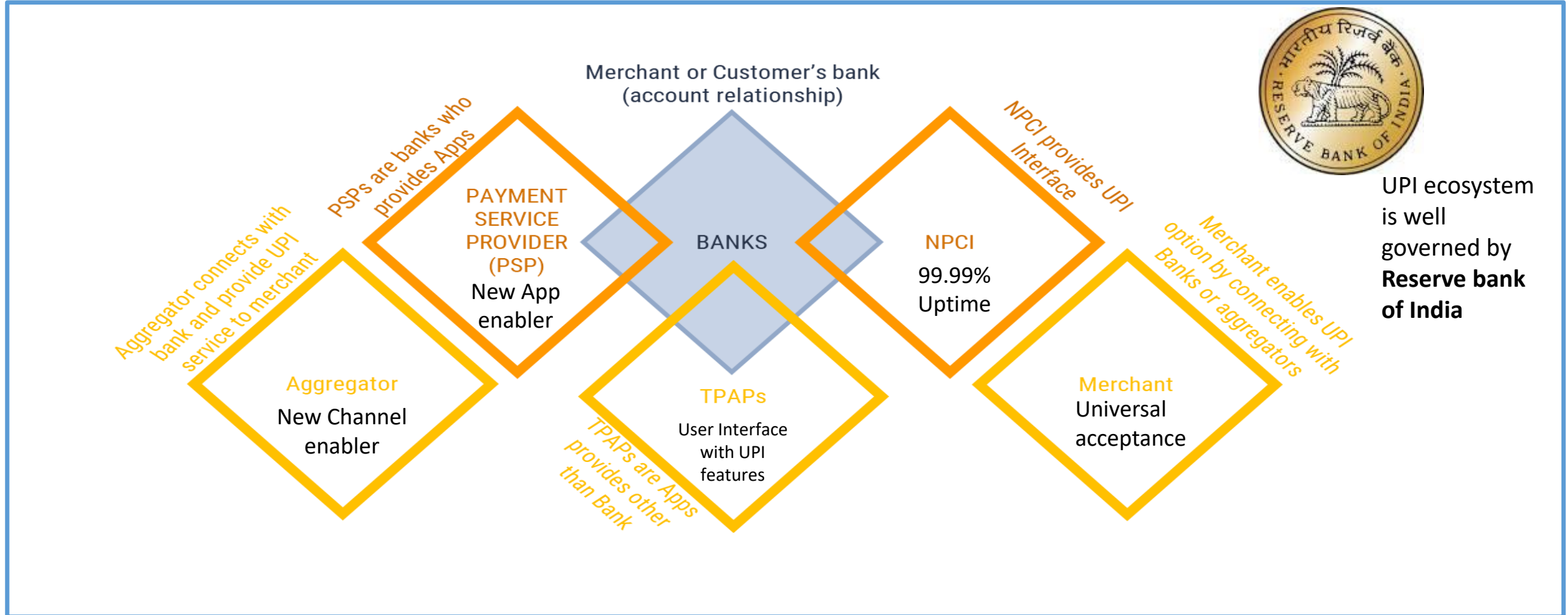
India's journey highlights lessons for other countries embarking on their own digital transformation

WEB DESK Apr 6, 2023, 08:00 pm IST in Bharat, Technology

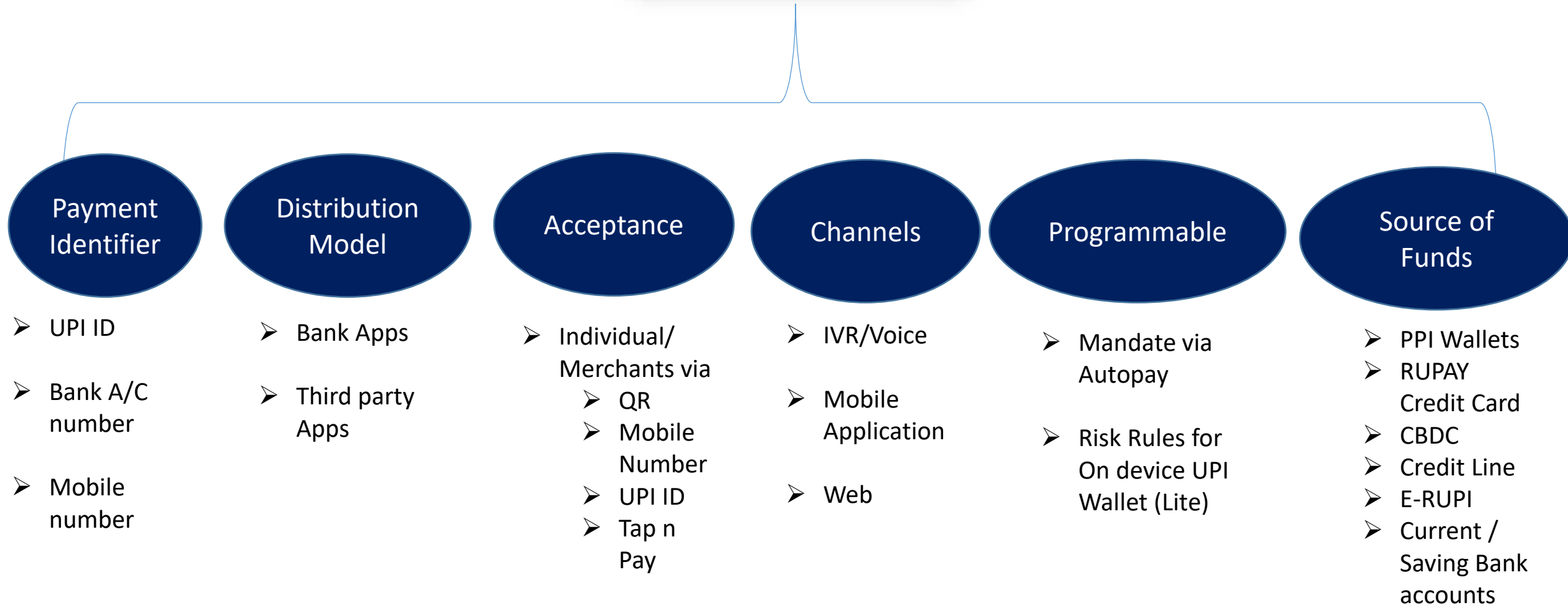


India's Aadhaar, UPI, CoWin Journey Inspiring; Others Can Follow for Digital Evolution: UNDP Officer

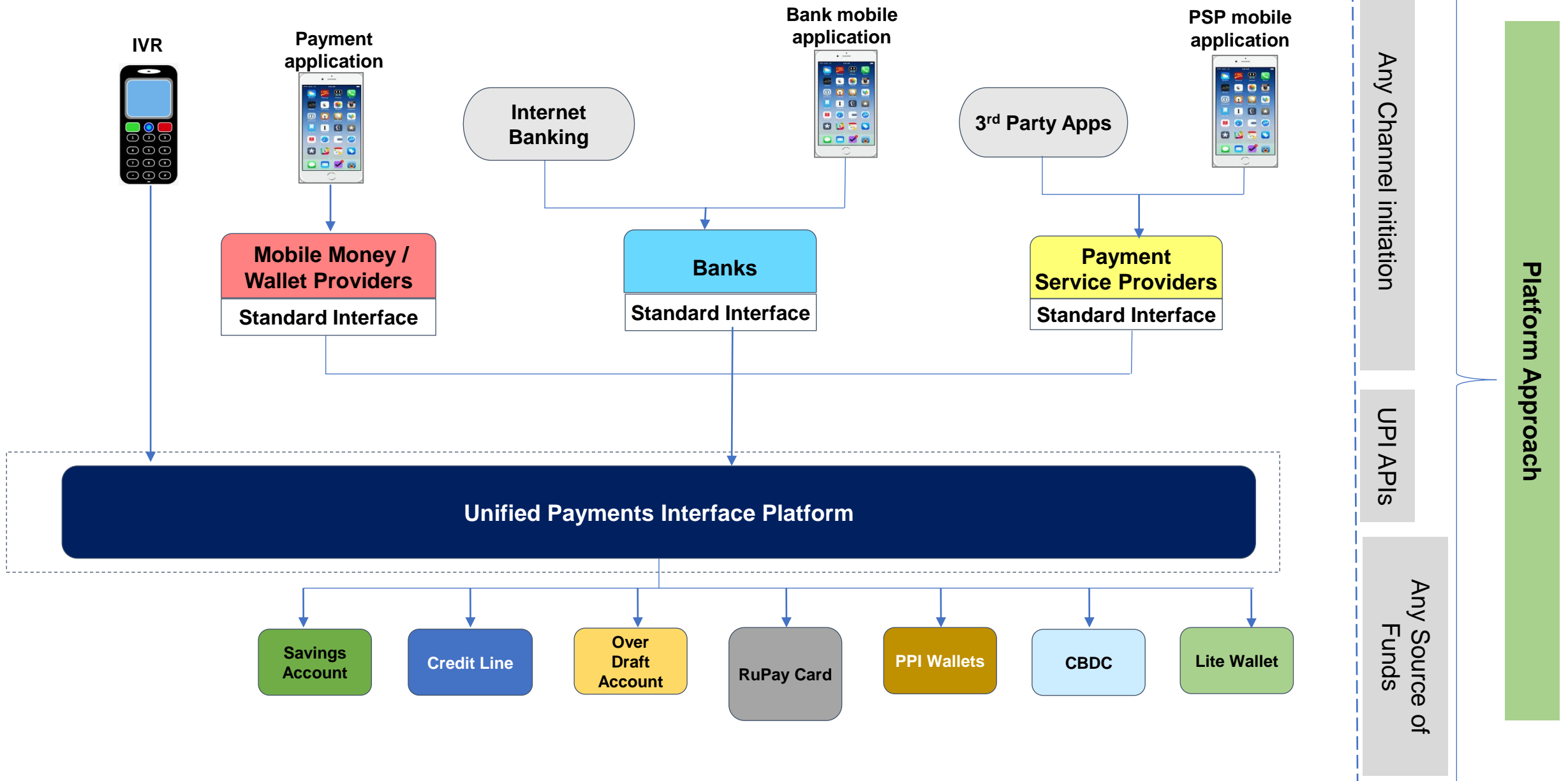
UPI ECOSYSTEM and its critical success factors



UPI Unique Features



One platform – Multi-Channel and Multi-Source of funds



It's all about numbers



10.5
Billion/month

Total Txns

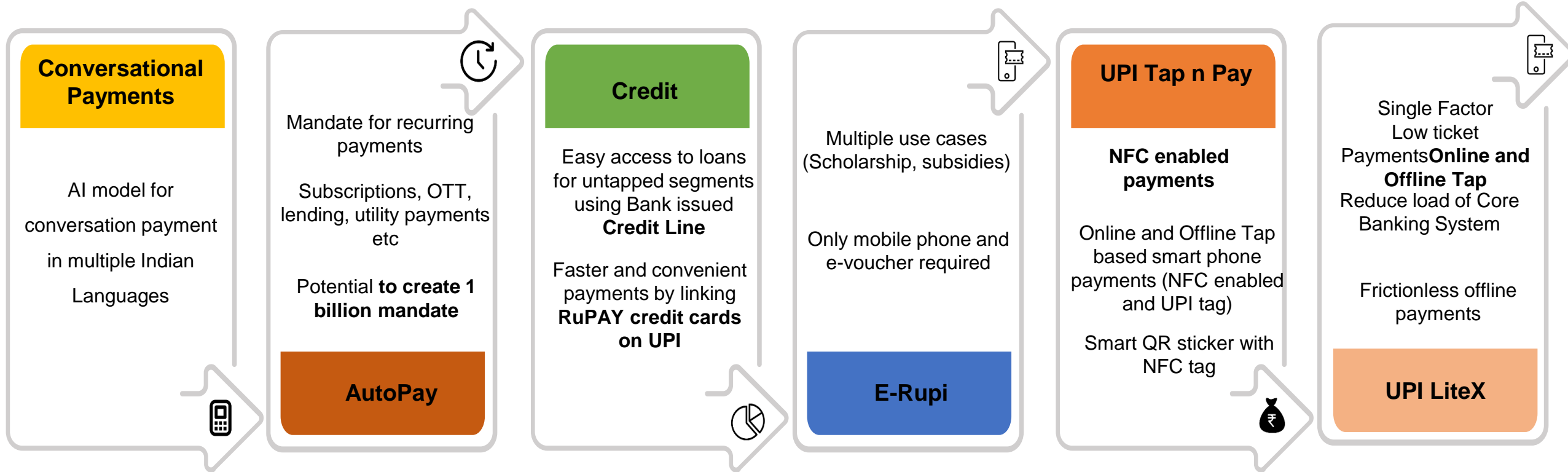
₹ 15.76
Trillion

Total Value

185 Billion API Hits
~6.2 Billion API
Hits calls per Day
<100 ms latency

System Capacity

Next phase of Growth



Cross Border Payments

Merchant Payments (P2M)

UPI

- Push transaction (where customer knows merchant's UPI ID or scans the QR)
- Conversion rates (in-built DCC)

RuPay

- RuPay Cards issued in India and accepted outside (Singapore, UAE)
- RuPay Cards issued outside India and accepted in India (Bhutan, Mauritius)

Cross Border Remittances

Payments to Individuals (P2P)

UPI Direct Platform

- Two countries RTP rails connect
- Adherence to G20 principles :
 - a) Accessibility
 - b) Transparency
 - c) Real time
 - d) Costs below 3%
- Transaction with all compliances <30 sec
- Customer using App and inter alia

Global – RuPay & UPI

Infrastructure Build

- Build efficient domestic payments at lower cost of operations

Additional value added stack

Analytics

Backoffice

- Clearing, Settlement and Dispute Management
- Interchange and Fees

AI Backed FRM

- Real & near real time alerts based on the rules defined in system
- Score based inputs which equips member banks to carry out enhanced due diligence based on AI.

Thank You

